DATA SHEET

FASERBETONKLEBER "NEVO-FBK 1"

Description

One-component adhesive for sealing clamping points made of fibre-reinforced concrete. Supplied in a set of 3 tubular bags of 500 g each.

Advantages:
- Easy dipping of the plugs due to very large opening of the tubular bags
- Can also be used on slightly damp surfaces
- Shelf life in original container approx. 12 months (cool and dry)
- Temperature resistant from approx. -40 °C to +80 °C
- Consumption quantity for 1,000 pcs plugs approx. 3 kg

Test certificates available:
- Watertightness test
- Fire behaviour F180
- Airborne sound insulation
- Drinking water suitability

Application

The surfaces must be solid, load-bearing, clean and free from separating substances (grease, oil, etc.). The substrates must not contain bituminous or tarry substances, otherwise adhesion will be reduced. NEVO-FBK 1 must be applied evenly to the adhesive surface with pressure. For this purpose we recommend e.g. a notched trowel or a smoothing trowel. Opened containers should be used up as soon as possible. Adhesion to plastics that are difficult to bond, e.g. PE or PP (polyolefins), should be tested in advance. For applications on coated surfaces, compatibility must be tested in advance. Adhesion on matt damp concrete substrates is similar to that on dry, primed concrete. On contact surfaces such as aluminium, galvanised sheet steel, PVS, PS, Macrolon etc. NEVO-FBK 1 can be used without primer. The curing time depends on humidity and temperature. By increasing temperature and humidity the curing time can be shortened. The usability of the product in the respective installation situation must be checked by the user!

Material

- Free from PVC, CFC and HFC

Packaging

- Free of halogen-containing compounds, azo dyes, flame retardants

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Item no.	kg/ Bucket	kg/ Pallet
FBA/1	1,50	144,00



For further documents
scan or click here!

Properties:
NEVO-FBK 1 is a one-component, pasty adhesive compound based on silane-modified polymer, which hardens through humidity to a flexible product. Due to its self-smoothing property, as well as its high chemical resistance, NEVO-FBK 1 is recommended for many special applications in horizontal and vertical areas. NEVO-FBK 1 is suitable even for bonding on wet substrates, has good UV resistance and can be painted over.

Technical Data:

Substance Data:
Material basis:SMP
Consistency: low-slump, pasty
Colour: grey
Odour: hardly noticeable
Spec. density (23°C): approx. 1.5g/cm³, DIN EN ISO 2811-1
Dyn. viscosity (23°C): approx. 2,000 Pas, DIN EN ISO 2555
Reaction data (at 23°C):
Processing temperature: +5 to +40°C, substrate temperature
Tack-free time*: approx. 30 min., ASTM C679
Setting process*: approx. 2mm/24h
(* measured at 23°C / 50 & rel. humidity)
Properties of cured mastic:
Tensile strength: approx. 2,0 N/mm², DIN EN ISO 527
Elongation at break: approx. 400 %, DIN EN ISO 527
Shore A hardness: approx. 50 DIN ISO 7619-1
Temperature resistance: -40 to +80°C

Processing:
The surfaces shall be firm, sustainable, clean, dry and free of separating substances (fats, oils, etc.). The surfaces shall not contain substances containing tar, as otherwise the adhesion is reduced.

NEVO-FBK 1 should be applied uniformly with pressure on the adhesion surface. For this purpose, we recommend the utilization of e. g. grooved trowel or a polished scoop. Opened containers should be used as soon as possible.

Adhesion to plastics which are difficult to bond, such as e. g. PE or PP (polyolefins), should be tested beforehand. In case of application on coated substrates, a preliminary examination of the compatibility is necessary. The adhesion to slightly moist concrete bases is as similar high as on dry, primed concrete.

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On contact surfaces, such as e. g. aluminium, galvanized sheet metal, PVC, PS, Macrolon and others, NEVO-FBK 1 is usable without primers.

The full hardening time depends on the humidity and temperature. By increasing the temperature and humidity the full hardening time can be reduced.

Safety information:
NEVO-FBK 1 is not classified as hazardous according to Regulation (EC) 1272/2008 (CLP). Even in the case of not classified products, the standard precautionary measures applicable for chemical products should be observed. Before starting processing, it is therefore necessary to inform oneself about precautions and safety advice by means of the safety data sheet.

Packaging:
333 ml aluminium foil sausages

Storage:
When stored in dry conditions between +5 and +25°C in the closed original containers, protected from heat, frost and direct sunlight, the product can be stored for approx. 9 months.

Disposal:
Small quantities of cured product residues can be disposed of as normal domestic waste. Dispose of not cured components must be affected in accordance with the corresponding local regulations. For further information please refer to the material safety data sheets.

Note:
The correct and thus successful application of our products is not subject to our control. A guarantee can therefore only be given for the quality of our products within the framework of our sales and delivery conditions, but not for successful processing. The consumption data given by us can only be average empirical values, deviations in individual cases are possible and therefore cannot be excluded by us.

All information has been prepared to the best of our knowledge and according to the current state of the art. However, Nevoga does not guarantee the accuracy and completeness of the information. This data sheet is updated on an ongoing basis. Nevoga therefore reserves the right to make changes without prior notice to the customer. The latest version can be found at www.nevoga.com.